

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 G01S15/89 G10K11/34

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G01S G10K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|--|-----------------------------------|
| X | US 6 179 780 B1 (SUMANAWEEERA THILAKA S ET AL) 30 January 2001 (2001-01-30) abstract; figures 1-10 column 1, line 7 - column 5, line 40 | 1-14 |
| X Y | US 4 798 210 A (LEDLEY ROBERT S) 17 January 1989 (1989-01-17) abstract; figures 6A-7 column 1, lines 8-14 column 4, lines 19-66 column 5, lines 50-58 column 8, line 67 - column 10, line 28 column 15, line 61 - column 16, line 26 ----- -/-- | 1,4,5, 7-11 2,3,6, 12-14 |



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents :

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Date of the actual completion of the international search

20 January 2005

Date of mailing of the international search report

14/02/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
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| Y | US 2003/018261 A1 (BAE MOO HO) 23 January 2003 (2003-01-23) abstract; figures 2A-6 paragraphs '0001! - '0015! paragraphs '0027!, '0028! paragraphs '0040! - '0080! ----- | 2,3,6, 12-14 |
| A | LOPATH P D ET AL: "Ultrasonic transducers using piezoelectric single crystal perovskites" FERROELECTRICS, 1996. ISAF '96., PROCEEDINGS OF THE TENTH IEEE INTERNATIONAL SYMPOSIUM ON APPLICATIONS OF EAST BRUNSWICK, NJ, USA 18-21 AUG. 1996, NEW YORK, NY, USA, IEEE, US, vol. 2, 18 August 1996 (1996-08-18), pages 543-546, XP010228064 ISBN: 0-7803-3355-1 the whole document ----- | 1-14 |
| A | US 6 558 328 B2 (RUBIN JONATHAN MATTHEWS ET AL) 6 May 2003 (2003-05-06) abstract; figures 1,3-11 column 1, lines 15-18,57-65 column 4, line 51 - column 5, line 37 column 9, lines 7-55 column 10, line 60 - column 11, line 36 ----- | 1-14 |
| A | MISARIDIS T ET AL: "Complex pulsing schemes for high frame rate imaging" 2002 IEEE ULTRASONICS SYMPOSIUM. PROCEEDINGS (CAT. NO.02CH37388) IEEE PISCATAWAY, NJ, USA, vol. 2, 8 October 2002 (2002-10-08), pages 1609-1612 vol., XP002314247 ISBN: 0-7803-7582-3 the whole document ----- | 1-14 |

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No.

PCT/IB2004/003569

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